

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027

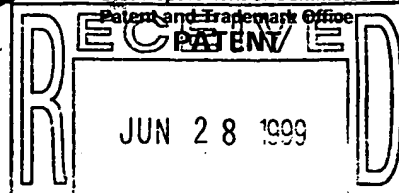
06-29-1999

REC-101079062
PATENTS ONLY

ET

U.S. Department of Commerce

Patent and Trademark Office



TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type☒ New☐ Resubmission (Non-Recordation)
Document ID# ☐ Correction of PTO ErrorReel # Frame # ☐ Corrective DocumentReel # Frame # **Conveyance Type**☐ Assignment☐ Security Agreement☐ License☒ Change of Name☐ Merger☐ Other **U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File☐ Secret File

6-28-99

Conveying Party(ies)☐ Mark if additional names of conveying parties attachedExecution Date
Month Day Year

Name (line 1) Reltec Corporation

May 31 1999

Name (line 2) **Second Party**Name (line 1) Execution Date
Month Day YearName (line 2) **Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) Marconi Communications, Inc.

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)Name (line 2)

Address (line 1) 5900 Landerbrook Drive

Address (line 2)

Address (line 3) Mayfield Hts.,

City

Ohio

State/Country

44124

Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)

06/29/1999 DNGUYEN 00000057 09203409

FOR OFFICE USE ONLY

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1760.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

Correspondent Name and Address

Area Code and Telephone Number

(216) 586-7029

Name David B. Cochran, Esq.

Address (line 1) Jones Day Reavis & Pogue

Address (line 2) North Point

Address (line 3) 901 Lakeside Avenue

Address (line 4) Cleveland, Ohio 44114

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/203,409

60/102,715

09/249,733

4,331,842

D291,563

4,903,292

09/164,495

09/237,984

09/249,055

4,352,962

4,767,980

4,952,758

09/150,817

09/286,055

09/309,717

D291,566

4,876,630

4,958,926

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

44

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 1,760.00

Method of Payment:
Deposit Account

Enclosed ☒

Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

10-1202

Authorization to charge additional fees:
*overpayment or underpayment

Yes

☒

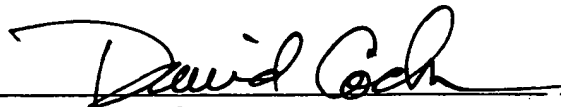
No

☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David B. Cochran



June 22 1999

Name of Person Signing

Signature

Date

REGISTRATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/100,392 09/277,705 29/106,035

09/130,734 09/300,880 09/324,244

09/305,637 09/305,579

09/325,619 60/135623

08/794,723 60/135,624

Patent Number(s)

4,980,655 5,146,476 5,515,433

5,022,752 5,155,746 5,505,636

5,046,067 5,260,996 4,309,676

5,050,210 5,640,433 4,546,322

5,067,810 5,652,712



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 02, 1998

PTAS

JONES, DAY, REAVIS & POGUE
DAVID B. COCHRAN, ESQ.
NORTH POINT
901 LAKESIDE AVENUE
CLEVELAND, OHIO 44114



100749017A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/19/1998

REEL/FRAME: 9263/0548
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ETHRIDGE, BARRY JOE

DOC DATE: 06/17/1998

ASSIGNOR:

GAINER, JAMES JOSEPH

DOC DATE: 06/17/1998

ASSIGNOR:

KIMBROUGH, MAHLON DANNY

DOC DATE: 06/17/1997

ASSIGNEE:

RELTEC CORPORATION
5900 LANDERBROOK DRIVE
CLEVELAND, OHIO 44114

SERIAL NUMBER: 09100392
PATENT NUMBER:

FILING DATE: 06/19/1998
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-23-2011 11:23:20 AM

FORM PTO-1595
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

06-30-1998

R J ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTab settings ☐ ☐ ☐ ☐

To the Honorable Commissioner

100749017

3 attached original documents or copy thereof.

1. Name of conveying party(ies):

Barry Joe ETHRIDGE
James Joseph GAINER
Mahlon Danny KIMBROUGHAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: June 17, 1998

2. Name and address of receiving party(ies)

Name: Reltec Corporation

Internal Address: 5900 Landerbrook Drive

Street Address: Same

City: Cleveland State: Ohio ZIP: 44114

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

09/100392

If this document is being filed together with a new application, the execution date of the application is: June 19, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David B. Cochran, Esq.

Internal Address: Jones, Day, Reavis & Pogue

Street Address: North Point
901 Lakeside Avenue

City: Cleveland State: Ohio ZIP: 44114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☒ Authorized to be charged to deposit account
*overpayment or underpayment

8. Deposit account number:

10-1202

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David B. Cochran, Esq.

Name of Person Signing

David B. Cochran

Signature

6/19/98

Date

Total number of pages including cover sheet, attachments, and document: 3



560013-610-017
Center
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 08, 1999

PTAS

JONES DAY REAVIS & POGUE
DAVID B. COCHRAN, ESQ.
901 LAKESIDE AVENUE
NORTH POINT
CLEVELAND, OHIO 44114



101119409A

**CORRECTED
NOTICE**

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/28/1999

REEL/FRAME: 010043/0815
NUMBER OF PAGES: 5

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RELTEC CORPORATION

DOC DATE: 05/31/1999

ASSIGNEE:

MARCONI COMMUNICATIONS, INC.
5900 LANDERBROOK DRIVE
MAYFIELD HTS., OHIO 44124

SERIAL NUMBER: 09203409
PATENT NUMBER:

FILING DATE: 12/02/1998
ISSUE DATE:

SERIAL NUMBER: 09164495
PATENT NUMBER:

FILING DATE: 10/01/1998
ISSUE DATE:

SERIAL NUMBER: 09150817
PATENT NUMBER:

FILING DATE: 09/11/1998
ISSUE DATE:

SERIAL NUMBER: 60102715
PATENT NUMBER:

FILING DATE: 10/01/1998
ISSUE DATE:

SERIAL NUMBER: 09237984
PATENT NUMBER:

FILING DATE: 01/25/1999
ISSUE DATE:

SERIAL NUMBER: 09286055
PATENT NUMBER:

FILING DATE: 04/05/1999
ISSUE DATE:

SERIAL NUMBER: 09249733
PATENT NUMBER:

FILING DATE: 02/12/1999
ISSUE DATE:

SERIAL NUMBER: 09249055
PATENT NUMBER:

FILING DATE: 02/12/1999
ISSUE DATE:

SERIAL NUMBER: 09309717
PATENT NUMBER:

FILING DATE: 05/11/1999
ISSUE DATE:

SERIAL NUMBER: 09100392
PATENT NUMBER:

FILING DATE: 06/19/1998
ISSUE DATE:

SERIAL NUMBER: 09130734
PATENT NUMBER:

FILING DATE: 08/07/1998
ISSUE DATE:

SERIAL NUMBER: 09305637
PATENT NUMBER:

FILING DATE: 05/05/1999
ISSUE DATE:

SERIAL NUMBER: 09325619
PATENT NUMBER:

FILING DATE: 06/03/1999
ISSUE DATE:

SERIAL NUMBER: 08794723
PATENT NUMBER:

FILING DATE: 02/03/1997
ISSUE DATE:

SERIAL NUMBER: 09277705
PATENT NUMBER:

FILING DATE: 03/26/1999
ISSUE DATE:

SERIAL NUMBER: 09300880
PATENT NUMBER:

FILING DATE: 04/28/1999
ISSUE DATE:

SERIAL NUMBER: 09305579
PATENT NUMBER:

FILING DATE: 05/05/1999
ISSUE DATE:

SERIAL NUMBER: 60135623
PATENT NUMBER:

FILING DATE: 05/24/1999
ISSUE DATE:

SERIAL NUMBER: 60135624
PATENT NUMBER:

FILING DATE: 05/24/1999
ISSUE DATE:

SERIAL NUMBER: 29106035
PATENT NUMBER:

FILING DATE: 06/07/1999
ISSUE DATE:

SERIAL NUMBER: 09324244
PATENT NUMBER:

FILING DATE: 06/02/1999
ISSUE DATE:

SERIAL NUMBER: 06163929
PATENT NUMBER: 4352962

FILING DATE: 06/27/1980
ISSUE DATE: 10/05/1982

SERIAL NUMBER: 06867375
PATENT NUMBER: D291566

FILING DATE: 05/27/1986
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 06708734
PATENT NUMBER: D291563

FILING DATE: 03/06/1985
ISSUE DATE: 08/25/1987

SERIAL NUMBER: 07111215
PATENT NUMBER: 4767980

FILING DATE: 10/22/1987
ISSUE DATE: 08/30/1988

SERIAL NUMBER: 07250974
PATENT NUMBER: 4876630

FILING DATE: 09/23/1988
ISSUE DATE: 10/24/1989

SERIAL NUMBER: 07265718
PATENT NUMBER: 4903292

FILING DATE: 11/01/1988
ISSUE DATE: 02/20/1990

SERIAL NUMBER: 07327685
PATENT NUMBER: 4952758

FILING DATE: 03/23/1989
ISSUE DATE: 08/28/1990

SERIAL NUMBER: 07264356
PATENT NUMBER: 4958926

FILING DATE: 10/31/1988
ISSUE DATE: 09/25/1990

SERIAL NUMBER: 07517765
PATENT NUMBER: 4980655

FILING DATE: 05/02/1990
ISSUE DATE: 12/25/1990

SERIAL NUMBER: 07411727
PATENT NUMBER: 5022752

FILING DATE: 09/25/1989
ISSUE DATE: 06/11/1991

SERIAL NUMBER: 07547430
PATENT NUMBER: 5046067

FILING DATE: 07/02/1990
ISSUE DATE: 09/03/1991

SERIAL NUMBER: 07504049
PATENT NUMBER: 5050210

FILING DATE: 04/03/1990
ISSUE DATE: 09/17/1991

SERIAL NUMBER: 07541577
PATENT NUMBER: 5067810

FILING DATE: 06/21/1990
ISSUE DATE: 11/26/1991

SERIAL NUMBER: 07621536
PATENT NUMBER: 5146476

FILING DATE: 12/03/1990
ISSUE DATE: 09/08/1992

SERIAL NUMBER: 07461814
PATENT NUMBER: 5155746

FILING DATE: 01/08/1990
ISSUE DATE: 10/13/1992

SERIAL NUMBER: 07624860
PATENT NUMBER: 5260996

FILING DATE: 12/10/1990
ISSUE DATE: 11/09/1993

SERIAL NUMBER: 08566898
PATENT NUMBER: 5640433

FILING DATE: 12/04/1995
ISSUE DATE: 06/17/1997

SERIAL NUMBER: 08567140
PATENT NUMBER: 5652712

FILING DATE: 12/04/1995
ISSUE DATE: 07/29/1997

SERIAL NUMBER: 08298146
PATENT NUMBER: 5515433

FILING DATE: 08/30/1994
ISSUE DATE: 05/07/1996

SERIAL NUMBER: 08328904
PATENT NUMBER: 5505636

FILING DATE: 10/25/1994
ISSUE DATE: 04/09/1996

SERIAL NUMBER: 06185892
PATENT NUMBER: 4309676

FILING DATE: 09/10/1980
ISSUE DATE: 01/05/1982

SERIAL NUMBER: 06526119
PATENT NUMBER: 4546322

FILING DATE: 08/24/1983
ISSUE DATE: 10/08/1985

SERIAL NUMBER: 06120125
PATENT NUMBER: 4331842

FILING DATE: 02/11/1980
ISSUE DATE: 05/25/1982

JACQUELINE MOORE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS